

P23830.P01 <b>UTILITY PATENT APPLICATION TRANSMITTAL</b> (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	P23830	Total Pages	
	Inventor(s) or Application Identifier: Keith ALLEN, and Weijing CHEN			
	Title: BI-LEVEL ADDRESSING FOR INTERNET PROTOCOL BROADBRAND ACCESS			

16447 U.S. PTO  
 10/628249  
 07/29/03

ADDRESS TO:	<b>Commissioner for Patents</b> <b>Mail Stop Patent Application</b> <b>PO Box 1450</b> <b>Alexandria, VA 22313-1450</b>			
<b>APPLICATION ELEMENTS</b>		<b>ACCOMPANYING APPLICATION PARTS</b>		
1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)		9. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:           <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> </li> </ul>		
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Small Entity Statement(s)</li> </ul>		10. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))		
3. <input checked="" type="checkbox"/> Specification [Total Pages <u>29</u> ] (preferred arrangement set forth below) <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul>		11. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney (when there is an assignee)		
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>5</u> ]		12. <input type="checkbox"/> English Translation Document (if applicable)		
5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>3</u> ] <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy) <input checked="" type="checkbox"/> Unexecuted</li> <li>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))          (for continuation/divisional with Box 20 completed)          [Note Box 6 below]         <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <u>DELETION OF INVENTOR(S)</u>            Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li> </ul> </li> </ul>		13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations		
6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		14. <input type="checkbox"/> Preliminary Amendment		
7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76		15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix)		16. <input checked="" type="checkbox"/> Figure of Drawing to be published: <u>1</u>		
		17. <input type="checkbox"/> Foreign priority claimed <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Claim of Priority</li> <li>b. <input type="checkbox"/> Certified Copy of Priority Document(s)</li> </ul>		
		18. <input checked="" type="checkbox"/> Assignee: <u>SBC Knowledge Ventures, L.P., of Reno, Nevada</u>		
		19. <input checked="" type="checkbox"/> Other: <u>Cover Letter Under 37 C.F.R. 1.53(b) and 1.53(f)</u> <hr/> <hr/> <hr/> <hr/>		
20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. <u>/</u> , filed <u>                  </u> . <i>Prior application information: Examiner: _____ Group Art Unit: _____</i>				
21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence: This application is a <u>      </u> continuation-in-part, <u>      </u> continuation, <u>      </u> divisional, of Application No. <u>      </u> / <u>      </u> , filed <u>                  </u> .				

Address all future correspondence to **Customer No. 7055** at the present address of:

GREENBLUM & BERNSTEIN, P.L.C.  
 1950 Roland Clarke Place  
 Reston, VA 20191  
 (703) 716-1191

7/29/03

Date

Leslie J. Bernstein Reg. # 33,339  
 Signature  
 Bruce H. Bernstein, Reg. No. 29,027  
 Typed or Printed Name

15915 U.S. PTO  
07/29/03

**FEE TRANSMITTAL****TOTAL AMOUNT OF PAYMENT** (\$858.00)**Complete if Known**

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Keith ALLEN et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned

**Attorney Docket Number** P23830**METHOD OF PAYMENT** (check one)**FEE CALCULATION (continued)**

1.  The U.S. Patent and Trademark Office is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-0089Deposit Account Name GREENBLUM & BERNSTEIN, P.L.C.

- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))  Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)  Applicant Claims Small Entity Status See 37 CFR 1.27.

2.  Payment Enclosed:

Check  Credit Card  Money Order  Other

**FEE CALCULATION** (fees effective 01/01/03)**1. FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001	750	2001	Utility filing fee
1002	330	2002	Design filing fee
1003	520	2003	Plant filing fee
1004	750	2004	Reissue filing fee
1005	160	2005	Provisional filing fee

**SUBTOTAL (1)** (\$ 750.00)**2. CLAIMS**

Total Claims	-20=	Extra <u>6</u>	Fee from below <u>18</u>	=	Fee Paid <u>108.00</u>
Independent <u>3</u>	-3=	<u>0</u>	<u>84</u>	=	<u>0.00</u>
Claims Multiple Dependent Claims		<u>0</u>	<u>280</u>	=	<u>0.00</u>

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202	18	2202
1201	84	2201
1203	280	2203
1204	84	2204
1205	18	2205

**SUBTOTAL (2)** (\$ 108.00)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051	130	Surcharge - late filing fee or oath	
1052	50	Surcharge - late provisional filing fee or cover sheet	
1053	130	Non-English specification	
1812	2,520	For filing a request for reexamination	
1804	920*	Requesting publication of SIR	
1805	1,840*	Prior to Examiner action	
		Requesting publication of SIR after Examiner action	
1251	110	Extension for response within 1st month	
1252	410	Extension for response within 2nd month	
1253	930	Extension for response within 3rd month	
1254	1,450	Extension for response within 4th month	
1255	1,970	Extension for response within 5th month	
1401	320	Notice of Appeal	
1402	320	Extension for response within 1st month	
1403	280	Extension for response within 2nd month	
1451	1,510	Extension for response within 3rd month	
1452	110	Extension for response within 4th month	
1453	1,300	Extension for response within 5th month	
1501	1,300	Notice of Appeal	
1502	470	Filing a brief in support of an appeal	
1503	630	Request for oral hearing	
1460	130	Petition to institute a public use proceeding	
1807	50	Petition to revive unavoidably abandoned application	
1806	180	Petition to revive unintentionally abandoned application	
8021	40	Utility issue fee (or reissue)	
1809	750	Design issue fee	
1810	2810	Plant issue fee	
1801	750	Petitions to the Commissioner	
1802	900	Petitions related to provisional applications	
		Submission of IDS	
		Recording each patent assignment per property (times number of properties)	
		Filing a submission after final rejection (37 CFR 1.129(a))	
		For each additional invention to be examined (37 CFR 1.129(b))	
		Request for Continued Examination (RCE)	
		Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3)** (\$ 0.00)

\*Reduced by Basic Filing Fee paid

**SUBMITTED BY****Complete (if applicable)**

Typed or Printed Name

Bruce H. Bernstein

Reg. Number

29,027

Signature

Deposit Account User ID

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Keith ALLEN et al.

Serial No. : Not Yet Assigned

Filed : Concurrently Herewith

For : BI-LEVEL ADDRESSING FOR INTERNET PROTOCOL BROADBAND ACCESS

**COVER LETTER ACCOMPANYING U.S. PATENT APPLICATION  
FILED UNDER 37 C.F.R. 1.53(b) and 1.53(f)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Enclosed is a new patent application for filing in the U.S. Patent and Trademark Office under 37 C.F.R. 1.53(b) and 1.53(f) in which the Declaration and Power of Attorney attached thereto are in unexecuted form. A properly executed Declaration and Power of Attorney will be filed within the time period set forth in the Notice to File Missing Parts of Application, unless such time period has been extended by the filing of a petition accompanied by the extension fee under the provisions of 37 C.F.R. 1.136(a).

Related to the above, this application should be associated with Customer Number 7055, which includes the present correspondence address as follows:

GREENBLUM & BERNSTEIN, P.L.C.  
1950 Roland Clarke Place  
Reston, VA 20191

The above-identified application includes:

- 29 pages of specification with abstract.
- 5 sheets of drawings with 5 figures.
- 26 total claims and 3 independent.
- an unexecuted Declaration and Power of Attorney.

If there are any questions, please contact the undersigned at the below-listed telephone number.

Respectfully submitted,  
Keith ALLEN et al.

  
Bruce H. Bernstein Reg. No. 33,329  
Reg. No. 29,027

July 29, 2003  
GREENBLUM & BERNSTEIN, P.L.C.  
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